IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (Canceled).

13. (Currently amended) A method ~~of~~ for protecting a plant from insects comprising:

~~treating~~ preparing ~~the plant with~~ a composition comprising at least one ~~insecticidal~~ isolated polypeptide, ~~which is obtained from the seeds of a legume and~~ wherein the polypeptide is defined by ~~a sequence of formula I~~ (SEQ ID NO: 1)~~:~~ having a sequence of the formula I: $X_1CX_2CX_3CX_4CX_5CX_6CX_7$, and having an insecticidal activity;

contacting a plant with the composition; and

permitting the polypeptide to exhibit insecticidal activity by interacting with an insect

wherein ~~said sequence~~ the polypeptide has at least 60% identity with SEQ ID NO:6 or SEQ ID NO:7~~.~~;

wherein the polypeptide is soluble in 60% methanol;

wherein C represents a cysteine residue;~~, X_1 represents a dipeptide, X_2 represents a tripeptide, X_3 represents a heptapeptide, X_4 represents a tetrapeptide, X_5 represents an amino acid , X_6 represents a nonapeptide, and X_7 represents a pentapeptide and~~

wherein X_1 satisfies the sequence y_1y_2 wherein y_1 and y_2 each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine; or

y_1 represents an amino acid selected from the group consisting of alanine, serine, glycine and threonine, and y_2 represents glutamic acid or aspartic acid;

X_2 satisfies the sequence $y_3y_4y_5$ wherein y_3 represents glutamine or asparagine, and y_4 and y_5 each represent an amino acid selected from the group consisting of alanine, serine, glycine, threonine, valine, leucine, isoleucine and methionine;

X_3 satisfies the sequence $y_6y_7y_8y_9y_{10}y_{11}y_{12}$ wherein y_6 represents an amino acid selected from the group consisting of alanine, serine, glycine and threonine, y_7, y_{11} and

y_{12} each represent proline, y_8 represents an amino acid selected from the group consisting of phenylalanine, tryptophan and tyrosine, y_9 represents aspartic acid or glutamic acid, and y_{10} represents an amino acid selected from the group consisting of valine, leucine, isoleucine and methionine;

X_4 satisfies the sequence $y_{13}y_{14}y_{15}y_{16}$, wherein y_{13}, y_{14}, y_{15} and y_{16} each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine, or y_{14} represents an amino acid selected from the group consisting of alanine, serine, glycine and threonine, y_{13} and y_{15} each represent a basic amino acid, and y_{16} represents aspartic acid or glutamic acid;

X_5 represents a basic amino acid;

X_6 satisfies the sequence $y_{17}y_{18}y_{19}y_{20}y_{21}y_{22}y_{23}y_{24}y_{25}$, wherein y_{17}, y_{19}, y_{21} and y_{23} each represent an amino acid selected from the group consisting of valine, leucine, isoleucine and methionine, y_{18} represents proline, y_{20} and y_{24} each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine, y_{22} represents an amino acid selected from the group consisting of valine, leucine, isoleucine, methionine, phenylalanine, tryptophan and tyrosine, and y_{25} represents an amino acid selected from the group consisting of phenylalanine, tryptophan and tyrosine;

X_7 satisfies the sequence $y_{26}y_{27}y_{28}y_{29}y_{30}$ wherein y_{26} represents a basic amino acid or an amino acid selected from the group consisting of valine, leucine, isoleucine and methionine, y_{27} represents asparagine or glutamine or a basic amino acid, y_{28} represents proline, and y_{29} and y_{30} each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine.

Claims 14 -17 (Canceled).

18. (Previously Presented) The method of Claim 13, wherein said plant is a cereal producing plant.

19. (Previously Presented) The method of Claim 13, wherein said polypeptide is present in a concentration of 10 μmol/kg to 100 mmol/kg.

20. (Previously Presented) The method of Claim 19, wherein said polypeptide is present in a concentration of 50 μmol/kg to 10 mmol/kg.

Claims 21-26 (Canceled).

27. (Previously Presented) The method of Claim 13, wherein the at least one insecticidal polypeptide is selected from the group consisting of SEQ ID NO:6, SEQ ID NO:7, and SEQ ID NO:8.

28. (Previously Presented) The method of Claim ~~27~~13, wherein the at least one insecticidal polypeptide is SEQ ID NO:6.

29. (Previously Presented) The method of Claim ~~27~~13, wherein the at least one insecticidal polypeptide is SEQ ID NO:7.

30. (Currently amended) The method of Claim ~~27~~13, wherein the at least one insecticidal polypeptide is SEQ ID NO:8.

31. (Withdrawn - Currently amended) ~~The method of Claim 13, wherein said polypeptide is used for protecting cereal seeds or products derived from cereal seeds, against insect pests.~~

A method for protecting cereal seeds or products derived from cereal seeds against an insect pest comprising:

preparing a composition comprising at least one isolated polypeptide, wherein the polypeptide is defined by SEQ ID NO: 1 having a sequence of the formula I: $X_1CX_2CX_3CX_4CX_5CX_6CX_7$, and having an insecticidal activity;

contacting the cereal seeds or the products derived from cereal seeds with the composition; and

permitting the polypeptide to exhibit insecticidal properties by interacting with an insect

wherein the polypeptide has at least 60% identity with SEQ ID NO:6 or SEQ ID NO:7;

wherein the polypeptide is soluble in 60% methanol;

wherein C represents a cysteine residue;

wherein X_1 satisfies the sequence y_1y_2 wherein y_1 and y_2 each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine; or y_1 represents an amino acid selected from the group consisting of alanine, serine, glycine and threonine, and y_2 represents glutamic acid or aspartic acid;

X_2 satisfies the sequence $y_3y_4y_5$ wherein y_3 represents glutamine or asparagine, and y_4 and y_5 each represent an amino acid selected from the group consisting of alanine, serine, glycine, threonine, valine, leucine, isoleucine and methionine;

X_3 satisfies the sequence $y_6y_7y_8y_9y_{10}y_{11}y_{12}$ wherein y_6 represents an amino acid selected from the group consisting of alanine, serine, glycine and threonine, y_7, y_{11} and y_{12} each represent proline, y_8 represents an amino acid selected from the group consisting of phenylalanine, tryptophan and tyrosine, y_9 represents aspartic acid or glutamic acid, and y_{10} represents an amino acid selected from the group consisting of valine, leucine, isoleucine and methionine;

X_4 satisfies the sequence $y_{13}y_{14}y_{15}y_{16}$, wherein y_{13}, y_{14}, y_{15} and y_{16} each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine, or y_{14} represents an amino acid selected from the group consisting of alanine,

serine, glycine and threonine, y_{13} and y_{15} each represent a basic amino acid, and y_{16} represents aspartic acid or glutamic acid;

X_5 represents a basic amino acid;

X_6 satisfies the sequence $y_{17}y_{18}y_{19}y_{20}y_{21}y_{22}y_{23}y_{24}y_{25}$, wherein y_{17}, y_{19}, y_{21} and y_{23} each represent an amino acid selected from the group consisting of valine, leucine, isoleucine and methionine, y_{18} represents proline, y_{20} and y_{24} each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine, y_{22} represents an amino acid selected from the group consisting of valine, leucine, isoleucine, methionine, phenylalanine, tryptophan and tyrosine, and y_{25} represents an amino acid selected from the group consisting of phenylalanine, tryptophan and tyrosine;

X_7 satisfies the sequence $y_{26}y_{27}y_{28}y_{29}y_{30}$ wherein y_{26} represents a basic amino acid or an amino acid selected from the group consisting of valine, leucine, isoleucine and methionine, y_{27} represents asparagine or glutamine or a basic amino acid, y_{28} represents proline, and y_{29} and y_{30} each represent an amino acid selected from the group consisting of alanine, serine, glycine and threonine.